

Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

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1. ~~(currently amended)~~ An active matrix OLED flat-panel color display, comprising:
- a) a plurality of light emitting elements for emitting light of different colors and associated control circuits;
 - b) a programmable power supply connected to the control circuits;
 - c) a separate sensor for sensing each color of the light emitted by the display output of one or more light emitting elements to produce a feedback signal for each color; and
 - d) a display controller responsive to the respective feedback signals for programming the programmable power supply to compensate for changes in the light output from the light emitting elements.
2. (cancelled)
3. (original) The display claimed in claim 1, further comprising separate programmable power supplies for each color in the flat-panel display.
4. (original) The display claimed in claim 1, wherein the programmable power supply is on a common substrate with the display.
5. (original) The display claimed in claim 1, wherein the programmable power supply is on a separate substrate from the display.
6. (original) The display claimed in claim 1, wherein the programmable power supply is in a common package with the display.
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7. (original) The display claimed in claim 1, wherein the programmable power supply is in a separate package from the display.

8. (original) The display claimed in claim 1, wherein the programmable power supply is addressable as a storage element.

9. (currently amended) A method of controlling an active matrix OLED flat-panel color display having a plurality of differently colored light emitting elements and associated control circuits, comprising the steps of:

a) providing a programmable power supply for each color connected to the control circuits;

b) sensing the light output for each color of one or more light emitting elements to produce a feedback signal for each color; and

c) programming the programmable power supply in response to the respective feedback signal to compensate for changes in the light output from the light emitting elements.

10. (cancelled)

11. (original) The method claimed in claim 9, wherein the display includes a controller having a lookup table for receiving device independent code values and producing device dependent code values and further comprising the step of calibrating the controller by changing the lookup table.

12. (original) The method claimed in claim 9, wherein the display is a color display that includes a controller having a lookup table for receiving device independent code values and producing device dependent code values and further comprising the step of calibrating the controller by changing the lookup table to correct for the color balance of the display.

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13. (new) An active matrix OLED flat-panel display, comprising:
a) a substrate;
b) a plurality of light emitting elements and associated control circuits formed on the substrate;
c) a programmable power supply connected to the control circuits;
d) a sensor formed on the substrate for sensing the light output of one or more light emitting elements to produce a feedback signal; and
e) a display controller responsive to the feedback signal for programming the programmable power supply to compensate for changes in the light output from the light emitting elements.

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14. (new) The display claimed in claim 13, wherein the programmable power supply is formed on the substrate.

15. (new) The display claimed in claim 13, wherein the display is a color display having light emitting elements for emitting different colors, and further comprising a separate sensor for each color emitted by the display.

16. (new) The display claimed in claim 15, further comprising separate programmable power supplies for each color in the flat-panel display.
